

CLAIMS

1. A method in a mobile communications device, the method
5 comprising:

participating in a packet session;

sending handover information to a packet server while in the
packet session;

receiving radio resource information from the packet server in
10 response to sending the handover information to the packet server.

2. The method of Claim 1,

handing over to a new cell using the radio resource information

15 received from the packet server.

3. The method of Claim 2,

the radio resource information received from the packet server

20 includes radio resource assignment information,

handing over to the new cell without requiring the mobile
communications device to request a radio resource assignment from the
new cell.

4. The method of Claim 1, receiving radio resource information from the packet server in response to sending handover information to the packet server includes receiving at least one of frequency, slot, time-to-transfer and power information from the packet server.

5

10 5. The method of Claim 1, making neighbor measurements during the packet session; sending the handover information to the packet server include sending information based on the neighbor measurements.

15 6. The method of Claim 1, sending the identification of at least one handover target to the packet server.

20 7. The method of Claim 1, participating in the packet session includes communicating voice data in the packet session; sending the handover information to the packet server while communicating voice data in the packet session.

8. The method of Claim 7,
identifying at least one potential handover target to the packet
server,

5 receiving radio resource information from the packet server for
at least one of the handover targets identified.

9. The method of Claim 1,
10 reducing interruption of the packet session during handover by
using the radio resource information received from the packet server to
facilitate handover to a new cell.

15 10. A method in a packet server connected to a
communications network, the method comprising:

negotiating with a radio communications network for a radio
resource transfer for a mobile wireless communications device,

20 sending, from the packet server, radio resource information to
the mobile wireless communications device.

11. The method of Claim 10,

receiving, at the packet server, handover information from a mobile wireless communications device,

sending the radio resource information to the mobile wireless communications device after negotiating in response to receiving the
5 handover information.

10 12. The method of Claim 11, negotiating with the radio communications network for a radio resource transfer for the mobile wireless communications device based on the handover information received from the mobile wireless communications device.

15 13. The method of Claim 10,

receiving handover information from the mobile wireless communications device includes receiving at least one potential handover target identified by the mobile wireless communications device,

20 sending radio resource information to the mobile wireless communications device for at least one of the handover targets identified by the mobile wireless communications device.

14. The method of Claim 10, sending radio resource information from the packet data server includes sending at least one of

frequency, slot, time-to-transfer and power information to the mobile wireless communications device.

5 15. A method in a mobile communications device in a packet session, the method comprising:

receiving radio resource information from a packet server;

handing over to a new cell during the packet session;

reducing interruption of data communication during the packet

10 session while handing over to the new cell using the radio resource information received from the packet server.

15 16. The method of Claim 15, participating in voice communications in the packet session.

17. The method of Claim 15,

receiving radio resource information from the packet server

20 includes receiving handover timing information,

reducing interruption of the data communications during the packet session during hand over by making a timed transfer to the new cell using the handover timing information from the packet server.